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- Novel formulations for nanoparticulate X-ray blood pool contrast agents using high molecular weight surfactants.
- (57) A composition comprising nanoparticles containing an x-ray diagnostic compound, having a high molecular weight surfactant as a surface modifier adsorbed on the surface thereof and a cloud point modifier associated therewith and methods of making nanoparticles is described. A preferred surfactant is poloxamine and preferred cloud point modifiers include dimyristoylphosphatidylglycerol and dioctylsulfosuccinate. A method for diagnostic imaging for use in medical procedures comprising administering to the body of a test subject in need of an x-ray an effective contrast producing amount of the above composition is also described.



EUROPEAN SEARCH REPORT

Application Number EP 93 20 3351

		SIDERED TO BE RELEVA	NT	
Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL5)
D,A	EP-A-0 498 482 (ST * page 3, line 18 * page 7, line 1 - * page 10, line 26 * page 11, line 1	· line 38 * 5 - line 43 *	1-20	A61K49/04
E		ERLING WINTHROP INC.) - page 3, line 18 * - line 25 *	1-9, 14-20	
	EP-A-O 601 618 (ST * page 1, line 50 * page 4, line 43 & FI-A-935 305	•	1-11, 14-20	
	* page 2, line 54	ERLING WINTHROP INC.) - page 3, line 16 * - line 52; claims 1-3 *	1-20	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
	* page 2, line 42 * page 3, line 2 -	line 12 * - line 23; example 1 *	1-9, 12-20	
Place of search Date of completion of the search				Donolast
THE HAGUE 2		25 October 1994	Berte, M	
X: particularly relevant if taken alone Y: particularly relevant if combined with another Goursent of the same category A: technological background			n the application	

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